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S286 and ( (shape or shaped) with (ga$1n or (gallium adj nitride)))
                                   S281 and ( (shape or shaped) with (ga$1n or (gallium adj nitride)))
                                                                                                      S272 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
                                                                                                                                     S272 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
                                                                                                                                                                            S271 and (@ad<"20010719" or @rlad<"20010719")
                                                                                                                                                                                                                                               S269 and ((led or light$1emitting or light$1emitter or (light adj (emitting or emitter)) or di US-PGPUB; USPAT
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                                                                                                                                                                                                                                                                                    S268 and (@ad<"20010719" or @rlad<"20010719")
                                                                                                                                                                                                                                                                                                                      ((electrode or contact or terminal) with wurtzite)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 S262 and (@ad<"20010719" or @rlad<"20010719") and wurtzite
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                                                                                                                                                                                                                 ((electrode or contact or terminal) with wurtzite)
                                                                                                                                                                                                                                                                                                                                                       ( (hexagon or pyramid or hexagonal or pyramidal or trapezoid or trapezoidal) with (gan cUS-PGPUB; USPAT
                                                                                                                                                                                                                                                                                                                                                                                         (s$1plane or (s adj plane)) and ((led or light$1emitting or light$1emitter or (light adj (emi US-PGPUB; USPAT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ("5905275" | "6072197").PN
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S342 and ((plane near (each or individual)) with (electrode or contact)) S344 and ((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or contact)	S339 and (plane near (each or individual)) S342 and ((plane near (each or individual)) with (electrode or contact))	\$335 and (@ad<"20010719" or @rlad<"20010719")	((((growth or grow or growing or grown) with lateral) or elo or overgrowth) with wurtzite;US-PGPUB; USPAT	S333 and (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or dUS-PGPUB; USPAT	S332 and (@ad<"20010719" or @rlad<"20010719")	S329 and (@ad<"20010719" or @rlad<"20010719")	(wurtzite with (wave\$1length or color))	S327 and (wurtzite with (wave\$1length or color))	S324 and (substrate.clm.)	S323 not (S321 or S320)	S321 not S320	S317 and (facet with (wave\$1length or color))	S317 and (\$2plane with (wave\$1length or color))	S314 and (@ad<"20010719" or @rlad<"20010719")	S313 and ((growth or grow or growing or grown) with (mask or masked or masking) with US-PGPUB; USPAT	S310 and (\$2plane with (wave\$1length or color))	S310 and (plane with (wave\$1length or color))	S306 and (plane with (wave\$1length or color))	S305 not S287	S304 not S299	S303 and (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter))	S298 not S287	S294 and ((shape or shaped) with (ga\$1n or (gallium adj nitride)))	S293 not S287	S292 and ((((growth or grow or growing or grown) with lateral) or elo) with (mask o	("5880485" "6051849").PN.	("20020117677" "20020066403" "20010038655" "6555845" "6459712" "6348096" "63
<u>a.</u>	US-PGPUB; USPAT US-PGPUB; USPAT	US-PGPUB; USPAT	vith wurtzite;∪S-PGPUB; USPAT	mitter)) or d US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	asking) with US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	mitter)) or d US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	US-PGPUB; USPAT	(mask or m.US-PGPUB; USPAT	US-PGPUB; USPAT; USOCR	096" "63202US-PGPUB; USPAT
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mitter)) or d US-PGPUB; USPAT

28 3450 and (led or light% terniting or light adj (entiting or entitler)) or lastEPO; JPO; DERWENT 28 3453 and (clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 28 3453 and (buffer or buffering) with (ga\$1n or (gallium adj nitride))) 28 3453 and (buffer or buffering) with (ga\$1n or (gallium adj nitride))) 28 3453 and (buffer or buffering) with (ga\$1n or (gallium adj nitride))) 28 3453 and (cleed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 28 3453 and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 34 3453 and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 35 3452 and (gad<"20010719" or @rdad<"20010719") 36 3453 and (gad<"20010719" or @rdad<"20010719") 37 34 3453 and (gad<"20010719" or @rdad<"20010719") 38 3453 and (gad<"20010719" or @rdad<"20010719") 39 3453 and (gad<"20010719" or @rdad<"20010719") 40 3457 and (@ad<"20010719" or @rdad<"20010719") 41 3457 and (@ad<"20010719" or @rdad<"20010719") 42 3475 and (@ad<"20010719" or @rdad<"20010719") 43 3475 and (@ad<"20010719" or @rdad<"20010719") 44 3475 and (@ad<"20010719" or @rdad<"20010719") 45 3475 and (@ad<"20010719" or @rdad<"20010719") 46 3475 and (gad<"20010719" or @rdad<"20010719") 47 3485 and (leb or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT 4845 and (leb or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT 49 3485 and (leb or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT 40 3485 and (leb or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT 5485 and (leb or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT 549 3495 and (leb or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT 540 3495 and (leb or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT 541 3495 and (leb or ((growth or grown) with lateral) or overgrowth or o	4/13/05	ergrc US-PGPUB; USPAT	(257/89.ccls.) and ((elo or ((growth or grow or growing or grown) with lateral) or over	o	BRS
29 \$450 and (led or light\$1 emitting or light\$1 emitter or (light adj (emitter)) or laxEPO; JPO; DERWENT 0 \$453 and (clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 \$257/163 ccils and \$453 1 \$257/163 ccils and \$453 1 \$257/163 ccils and \$453 2 \$27/76 ccils and \$17/45 ccils 1 \$257/76 ccils and \$17/45 ccils 2 \$453 and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 2 \$457/76 ccils and \$17/45 ccils 2 \$453 and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 3 \$452 and (gad<20010719" or @nad<20010719") 3 \$453 and (seed or contact or terminal) with ("1-101" or "(1-101")") 3 \$453 and (seed or contact or terminal) with ("1-101" or "(1-101")") 4 \$453 and (gad<20010719" or @nad<20010719") 5 \$453 and (gad<20010719" or @nad<20010719") 5 \$455 and (@ad<20010719" or @nad<20010719") 5 \$455 and (@ad<20010719" or @nad<20010719") 6 \$457 and (@ad<20010719" or @nad<20010719") 7 \$457 and (@ad<20010719" or @nad<20010719") 8 \$457 and (@ad<20010719" or @nad<20010719") 8 \$457 and (@ad<20010719" or @nad<20010719") 9 \$457 and (@ad<20010719" or @nad<20010719") 10 \$475 and (@ad<20010719" or @nad<20010719") 11 \$475 and (@ad<20010719" or @nad<20010719") 12 \$475 and (@ad<20010719" or @nad<20010719") 13 \$450 and ((elo or (growth or grow or growin) with lateral) or overgrowth or o Us-PGPUB; USPAT	4/		((crystal adj plane) with ((second or "2nd") adj (wave\$1length or color)))	· <u> </u>	BRS
29 \$450 and (led or lightst emitting or lightst emitter) or last EPO; JPO; DERWENT 0 \$453 and (clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 1 257/163 ccils, and \$453 1 US-PGPUB; USPAT 1 257/163 ccils, and \$453 1 US-PGPUB; USPAT 1 257/163 ccils, and \$453 257/76. ccils, and \$453 257/76. ccils, and \$117/45 ccils. 257/76. ccils, and \$117/45	4.	US-PGPUB; USPAT	((crystal adj plane) with ((different or multiple) adj (wave\$1length or color)))	4	BRS
29 \$450 and (led or light\$1 emitting or light\$1 emitter or (light adj (emitting or emitten)) or lax EPQ; JPQ; DERWENT 2453 and (clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 257/103.ccls. and \$453 257/103.ccls. and \$453 257/103.ccls. and \$453 257/105.ccls. and \$453 257/105.ccls. and \$453 257/105.ccls. and \$453 257/105.ccls. and \$17/45.ccls. 257/2010/1719" or @rlad<*'20010/119" or "(1-101" or "(1-101")") 257/2010/1719" or @rlad<*'20010/119") 257/2010/1719" or @rlad<*'20010/119" 257/2010/1719" or	4/	US-PGPUB; USPAT	((wavelength or color) with thickness with (crystal adj plane))	7	BRS
29 S450 and (led or light\$1 emitting or light\$1 emitter or (light adj (emitting or emitten)) or last EPC; JPC; DERWENT 0 S453 and (clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 1 257/16.ccls. and S453 2 257/76.ccls. and	4/1	US-PGPUB; USPAT	(("same" adj active) with (two adj (wave\$1length or color)))	0	BRS
29 \$450 and (led or light\$1 emitting lig	4/1	US-PGPUB; USPAT	(("same" adj active) with (multiple adj (wave\$1length or color)))	_	BRS
29 \$450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 \$453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 \$457 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 \$257/160.ccls. and \$453 2 \$257/160.ccls. and \$453 3 \$257/160.ccls. and \$453 4 \$258/160.ccls. and \$453 4 \$258/160.ccls. and \$450/160.ccls. and	4/1	US-PGPUB; USPAT	(("same" adj active) with (different adj (wave\$1length or color)))	2	BRS
29 \$450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 \$453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 \$453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 \$257/16.ccls. and \$453 1 \$257/76.ccls. and \$453 1 \$257/76.ccls. and \$453 1 \$257/76.ccls. and \$453 2 \$27776.ccls. and \$453 2 \$25776.ccls. and \$4543 2 \$25776.ccls. and \$453 2 \$25776.ccls. and \$4543 2 \$25776.ccls. and \$453 2 \$25776.ccls. and \$4543 2 \$25776.ccls. and \$453 2 \$25776.ccls. and \$4576 2 \$25776.ccls.	4/1	US-PGPUB; USPAT	(("same" adj active adj layer) with (different adj (wave\$1length or color)))	0	BRS
29 \$450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or lasEPO; JPO; DERWENT 0 \$453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 \$457 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 \$257/16.ccls. and \$453 1 \$257/16.ccls. and \$453 2 \$257/16.ccls. and \$453 3 \$453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 3 \$257/16.ccls. and \$453 3 \$453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 3 \$257/16.ccls. and \$453 3 \$452 and (@ad<"20010719" or @riad<"20010719") 3 \$257 and (@ad<"20010719" or @riad<"20010719") 4 \$453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 5 \$257 and (@ad<"20010719" or @riad<"20010719") 5 \$258 and (@ad<"20010719" or @riad<"20010719") 5 \$259 and (@ad<"20010719" or @riad<"20010719") 5 \$259 and (@ad<"20010719" or @riad<"20010719") 5 \$259 and (@ad<"20010719" or @riad<"20010719") 5 \$250	4/1		S486 not S484	ω	BRS
29 S450 and (led or light\$Temitting or light\$Temitter or (light adj (emitting or emitter)) or last EPO; JPO; DERWENT 0 S453 and (clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 0 S453 and (buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/76.ccls. and S453 1 257/76.ccls. and S453 2 257/76.ccls. and 17/45.ccls. 2 257/76.ccls. and 2453 2 257/76.ccls. and 2452 2 257/76.	4/1		S485 and ((elo or ((growth or grow or growing or grown) with lateral) or overgrowth	4	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and (clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 257/103 ccls. and S453 1 257/16. ccls. and S453 1 257/76. ccls. and S453 2 257/76. ccls. and 117/45. ccls. 1 257/76. ccls. and 117/45. ccls. 2 257/76. ccls. and 117/45. ccls. 2 257/76. ccls. and 117/45. ccls. 2 257/76. ccls. and 117/45. ccls. 3 452 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 2 257/76. ccls. and 117/45. ccls. 3 452 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 3 452 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 3 452 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 545 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 545 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5467 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5467 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5478 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5478 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5478 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5478 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5487 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5487 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5487 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5487 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 4 5487 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride)) 4 5487 and (gead or seeding or seeded) with (ga\$1n or (gallium adj nitride)) 4 5487 and (gead or seeded) with (ga\$1n or (gallium adj nitride)) 4 5487 and (gead or seeded) with (ga\$1n or (gallium adj nitride)) 4 5487 and (4/1		S480 and ((elo or ((growth or grow or growing or grown) with lateral) or overgrowth	ယ	BRS
S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 1 257/76.ccls. and S453 1 257/76.ccls. and S453 1 257/76.ccls. and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101")") S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101")") ((electrode or contact or terminal) with ("1-101" or "(1-101")") S465 and (@ad<"20010719" or @riad<"20010719") US-PGPUB; USPAT ((electrode or contact or terminal) with (\$1plane)) S467 and (@ad<"20010719" or @riad<"20010719") US-PGPUB; USPAT ((wavelength or color) with (corresponding or each or individual) adj plane)) S473 and (@ad<"20010719" or @riad<"20010719") US-PGPUB; USPAT	4/1	US-PGPUB; USPAT	S478 and (@ad<"20010719" or @rlad<"20010719")	4	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 1 257/103.ccls. and S453 0 257/76.ccls. and S453 1 US-PGPUB; USPAT 1 US-PGPUB; USPAT 2 (electrode or contact or terminal) with ("1-101" or "(1-101)")) 2 (electrode or contact or terminal) with ("1-101" or "(1-101)")) 3 (electrode or contact or terminal) with (\$\$1plane)) 4 (wavelength or color) with ((corresponding or each or individual) adj plane)) 3 S475 and (@ad<"20010719" or @rlad<"20010719") 2 S475 and (@ad<"20010719" or @rlad<"20010719") 3 S475 and (@ad<"20010719" or @rlad<"20010719") 4 S475 and (@ad<"20010719" or @rlad<"20010719")	4/1	US-PGPUB; USPAT	((c\$1plane) with (s\$1plane))	40	BRS
29 \$450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 \$453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and \$453 0 257/76.ccls. and \$453 0 257/76.ccls. and \$17/45.ccls. 10 257/76.ccls. and \$17/45.ccls. 10 257/76.ccls. and \$17/45.ccls. 10 257/76.ccls. and \$17/45.ccls. 11 257/76.ccls. and \$17/45.ccls. 12 3453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 12 3453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 13 4 5453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) 14 5 465 and (@ad<"20010719" or @nad<"20010719") 15 (electrode or contact or terminal) with ("\$1plane)) 16 5 465 and (@ad<"20010719" or @nad<"20010719") 17 5 ((wavelength or color) with ((corresponding or each or individual) adj plane)) 18 5 475 and (@ad<"20010719" or @nad<"20010719") 19 5 475 and (@ad<"20010719" or @nad<"20010719") 29 5 475 and (@ad<"20010719" or @nad<"20010719") 20 6 5 475 and (@ad<"20010719" or @nad<"20010719")	4/1	US-PGPUB; USPAT	S475 not S476	3	BRS
S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) S57/103.ccls. and S453 C57/103.ccls. and S453 C57/16.ccls. and S453 C57/16.ccls. and 117/45.ccls. S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) S453 and ((electrode or contact or terminal) with (s\$1plane)) S453 and ((electrode or contact or terminal) with (s\$1plane)) S453 and ((electrode or contact or terminal) with (s\$1plane)) S453 and ((electrode or contact or terminal) with (s\$1plane)) S453 and ((electrode or contact or terminal) with (s\$1plane)) S453 and ((electrode or contact or terminal) with (s\$1plane)) S453 and ((electrode or contact or terminal) with (s\$1plane)) S453 and ((electrode or contact or terminal) with (s\$1plane)) S454 and ((electrode or contact or terminal) with (s\$1plane)) S455 and ((electrode or contact or terminal) with (s\$1plane)) S457 and ((electrode or contact or terminal) with (s\$1plane)) S458 and ((electrode or contact or terminal) with (s\$1plane)) S459 and ((electrode or contact or terminal) with (s\$1plane)) S459 and ((electrode or contact or terminal) with (s\$1plane)) S450 and ((electrode or contact or terminal) with (s\$1plane)) S451 and ((electrode or contact or terminal) with (electrode or contact or terminal) with (electrode or contact or terminal) with (electrode or contact	4/1	US-PGPUB; USPAT	S475 and (@ad<"20010719" or @rlad<"20010719")	12	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 1 257/103.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and 117/45.ccls. 1 257/76.ccls. and S453 0 257/76.ccls. and 117/45.ccls. 1 257/76.ccls. and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 2 57/76.ccls. and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 34 S462 and (electrode or contact or terminal) with ("1-101" or "(1-101")) 5453 and ((electrode or contact or terminal) with ("1-101" or "(1-101")) 10 S463 and (electrode or contact or terminal) with ("1-101" or "(1-101")) 11 ((electrode or contact or terminal) with (\$\$1plane)) 12 ((electrode or contact or terminal) with (\$\$1plane)) 13 ((electrode or contact or terminal) with (\$\$1plane)) 14 S467 and (@ad<"20010719" or @rlad<"20010719") 15 ((wavelength or color) with ((corresponding or each or individual) adj plane)) 16 S467 and (@ad<"20010719" or @rlad<"20010719") 17 US-PGPUB; USPAT 18 US-PGPUB; USPAT 19 US-PGPUB; USPAT 19 US-PGPUB; USPAT 10 US-PGPUB; USPAT 10 US-PGPUB; USPAT 10 US-PGPUB; USPAT 10 US-PGPUB; USPAT 11 US-PGPUB; USPAT 12 US-PGPUB; USPAT 13 (US-PGPUB; USPAT 14 (Wavelength or color) with ((corresponding or each or individual) adj plane)) 18 US-PGPUB; USPAT	4/1	US-PGPUB; USPAT	((wavelength or color) with (s\$1plane))	25	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and 117/45.ccls. 10 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 10 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 11 S462 and (@ad<"20010719" or @rlad<"20010719") 120 ((electrode or contact or terminal) with ("1-101" or "(1-101)")) 13 ((electrode or contact or terminal) with (s\$1plane)) 145 ((wavelength or color) with ((corresponding or each or individual) adj plane)) 15 US-PGPUB; USPAT 16 US-PGPUB; USPAT 17 US-PGPUB; USPAT 18 US-PGPUB; USPAT 19 US-PGPUB; USPAT 19 US-PGPUB; USPAT 10 US-PGPUB; USPAT 10 US-PGPUB; USPAT 11 US-PGPUB; USPAT 12 US-PGPUB; USPAT 13 ((electrode or contact or terminal) with (s\$1plane)) 14 (wavelength or color) with ((corresponding or each or individual) adj plane)) 15 US-PGPUB; USPAT	4/1	US-PGPUB; USPAT	S473 and (@ad<"20010719" or @rlad<"20010719")	39	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 0 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and 117/45.ccls. 0 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 1 US-PGPUB; USPAT 2 US-PGPUB; USPAT 2 US-PGPUB; USPAT 3 US-PGPUB; USPAT 3 US-PGPUB; USPAT 4 S462 and (@ad<"20010719" or @rlad<"20010719") 2 ((electrode or contact or terminal) with ("1-101" or "(1-101)")) 2 ((electrode or contact or terminal) with ("1-101" or "(1-101)")) 3 ((electrode or contact or terminal) with (\$\$1plane)) 4 S467 and (@ad<"20010719" or @rlad<"20010719") 10 S465 and (@ad<"20010719" or @rlad<"20010719") 10 S465 and (@ad<"20010719" or @rlad<"20010719")	4/1	US-PGPUB; USPAT	((wavelength or color) with ((corresponding or each or individual) adj plane))	45	BRS
S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT S453 and ((clad or cladded) with (ga\$1n or (gallium adj nitride))) S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) S455 and (@ad<"20010719" or @rlad<"20010719") S465 and (@ad<"20010719" or @rlad<"20010719") US-PGPUB; USPAT	4/1	US-PGPUB; USPAT	S467 and (@ad<"20010719" or @rlad<"20010719")	တ	BRS
S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) S57/76.ccls. and S453 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)")) US-PGPUB; USPAT	4/1	US-PGPUB; USPAT	((electrode or contact or terminal) with (s\$1plane))	13	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 1 257/103.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and 117/45.ccls. 1 0 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and 117/45.ccls. 1 0 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and 117/45.ccls. 257/76.ccls. and 117/45.ccls. 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and ((seed or seeded) with (ga\$1n or (gallium adj nitride)))	4/1	US-PGPUB; USPAT	S465 and (@ad<"20010719" or @rlad<"20010719")	6	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 0 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and 117/45.ccls. 1 257/76.ccls. and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 1 257/76.ccls. and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 1 257/76.ccls. and (seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 1 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 1 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 1 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride))) 257/76.ccls. and (seed or seeded) with (ga\$1n or (gallium adj nitride)))	4/1	US-PGPUB; USPAT	((electrode or contact or terminal) with ("1-101" or "(1-101)"))	20	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 0 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and 117/45.ccls. 0 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 257/76.ccls. and 117/45.ccls. 0 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 257/76.ccls. and 117/45.ccls. 0 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 257/76.ccls. and (@ad<"20010719")	4/1	US-PGPUB; USPAT	S453 and ((electrode or contact or terminal) with ("1-101" or "(1-101)"))	0	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 0 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 0 257/76.ccls. and S453 0 S453 and ((seed or seeded) with (ga\$1n or (gallium adj nitride))) 0 S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride))) 1 US-PGPUB; USPAT 1 US-PGPUB; USPAT 2 US-PGPUB; USPAT 2 US-PGPUB; USPAT 3 US-PGPUB; USPAT 4 US-PGPUB; USPAT 5 US-PGPUB; USPAT 6 US-PGPUB; USPAT 7 US-PGPUB; USPAT 7 US-PGPUB; USPAT 8 US-PGPUB; USPAT 9 US-PGPUB; USPAT 9 US-PGPUB; USPAT	4/1	US-PGPUB; USPAT	S462 and (@ad<"20010719" or @rlad<"20010719")	34	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 0 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and S453 0 257/76.ccls. and 117/45.ccls.	4/1	US-PGPUB; USPAT	S453 and ((seed or seeding or seeded) with (ga\$1n or (gallium adj nitride)))	0	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 0 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453 0 257/76.ccls. and S453 US-PGPUB; USPAT 0 257/76.ccls. and S453	4/1	US-PGPUB; USPAT	257/76.ccls. and 117/45.ccls.	0	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) 0 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride))) 1 257/103.ccls. and S453	4/1	US-PGPUB; USPAT	257/76.ccls. and S453	0	BRS
29 S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or lasEPO; JPO; DERWENT 0 S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) US-PGPUB; USPAT 0 S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride)))	4/1	US-PGPUB; USPAT	257/103.ccls. and S453	_	BRS
S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride))) US-PGPUB; USPAT	4/1	US-PGPUB; USPAT	S453 and ((buffer or buffering) with (ga\$1n or (gallium adj nitride)))	0	BRS
S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or las EPO; JPO; DERWENT	4/1	US-PGPUB; USPAT	S453 and ((clad or cladding or cladded) with (ga\$1n or (gallium adj nitride)))	0	BRS
	4/1		S450 and (led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter))	29	BRS

BRS BRS	BRS	BRS BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS
12 12 30	_	12 1	0	თ	0	2 8	Ν	N	Ν	4	9		_	19	1	ω	37	ယ	10	7	14	46	21	ω	9	თ
(("same" adj (emitter or (light adj (emitting or emitter)) or emitting)) same ((multi or mult US-PGPUB; USPAT (("same" adj (active)) with ((varying or vary or varied or different or differ or differing or US-PGPUB; USPAT S533 not S529 (((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or diode or la US-PGPUB; USPAT		(("same" adj (emitter or (light adj (emitting or emitter)) or emitting)) with ((varying or var US-PGPUB; USPAT (("same" adj (emitter or (light adj (emitting or emitter)) or emitting)) with ((varying or var US-PGPUB; USPAT	(("same" adj (emitter or (light adj (emitting or emitter)) or emitting) adj layer) with ((varyiı US-PGPUB; USPAT	2000218109 "2000218116" JPO; DERWENT	20000218109 "20000218116" JPO; DERWENT	(okuyama and doi and oohata and biwa).in. JPO; DERWENT	S521 and ((elo or ((growth or grow or growing or grown) with lateral) or overgrowth or o US-PGPUB; USPAT	("5905275" "6072197").PN. US-PGPUB; USPAT; USOCR	6828591 US-PGPUB; USPAT	(((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or diode or la US-PGPUB; USPAT	(("same" adj active) with ((varying or vary or varied or different or differ or differing or lo∙US-PGPUB; USPAT	5501990.PN. USPAT; USOCR	5501990.PN. USPAT; USOCR	(((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or diode or la US-PGPUB; USPAT	(active with "11-22") US-PGPUB; USPAT	(((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or diode or la US-PGPUB; USPAT	(active with "11-20") US-PGPUB; USPAT	S510 not S509 US-PGPUB; USPAT	((dop\$4) with ((different or multiple or multi) adj (wave\$1length or color))) and S508 US-PGPUB; USPAT	((doping) with ((different or multiple or multi) adj (wave\$1length or color))) and S508 US-PGPUB; USPAT	(("257"/\$3.ccls.) or ("438"/\$3.ccls.)) and S504	((doping) with (different adj (wave\$1length or color))) US-PGPUB; USPAT	S501 not (bragg or wave\$1guide) US-PGPUB; USPAT	S497 not S496 US-PGPUB; USPAT	(257/89.ccls.) and ((elo or ((growth or grow or growing or grown) with lateral) or overgrc US-PGPUB; USPAT	(257/89.ccls.) and ((elo or ((growth or grow or growing or grown) with lateral) or overgrc US-PGPUB; USPAT
4/15/05 4/15/05 4/15/05 4/15/05	4/15/05	4/15/05 4/15/05	4/15/05	4/15/05	4/15/05	4/15/05	4/14/05	4/14/05	4/14/05	4/15/05	4/15/05	4/14/05	4/14/05	4/14/05	4/14/05	4/14/05	4/14/05	4/14/05	4/13/05	4/13/05	4/13/05	4/13/05	4/13/05	4/13/05	4/14/05	4/13/05

4/16/05	S588 and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) or ("438"/\$3.cc US-PGPUB; USPAT	18 S58	BRS
4/16/05	S586 and (@ad<"20010719" or @rlad<"20010719") US-PGPUB; USPAT	5 S58	BRS
4/16/05	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or a‹US-PGPUB; USPAT	6 (((s	BRS
4/15/05	S582 not (S581 or S580) US-PGPUB; USPAT	2 S58	BRS
4/15/05	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or acUS-PGPUB; USPAT	4 (((s	BRS
4/15/05	S580 not S579 US-PGPUB; USPAT	10 S58	BRS
4/15/05	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or a‹US-PGPUB; USPAT	12 (((s	BRS
4/17/05	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or acUS-PGPUB; USPAT	10 (((s	BRS
4/16/05	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or acUS-PGPUB; USPAT	2 (((s	BRS
4/15/05	S575 not (S559 or S556) US-PGPUB; USPAT	6 S57	BRS
4/16/05	(((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or laser).clm. US-PGPUB; USPAT	10 (((BRS
4/15/05	(((single or one) adj (emitter or (light adj (emitting or emitter)) or emitting)) with ((varyinį US-PGPUB; USPAT	1 (((s	BRS
4/15/05	S566 not (densen.in.)	25 S56	BRS
4/15/05	S564 not (S559 or S556) US-PGPUB; USPAT	35 S56	BRS
4/15/05	S564 not (S559 ot S556) US-PGPUB; USPAT	35 S56	BRS
4/15/05	S563 and ((multi or multiple) near (band\$1gap or (band adj gap) or wave\$1length or (waUS-PGPUB; USPAT	36 S56	BRS
4/15/05	S559 not S556 US-PGPUB; USPAT	2 55	BRS
4/15/05	S558 and (substrate.clm.)	12 \$5	BRS
4/15/05	S555 and (@ad<"20010719" or @rlad<"20010719") US-PGPUB; USPAT	22 \$5	BRS
4/15/05	S554 and (substrate.clm.)	36 S5	BRS
4/15/05	S549 and ((multi or multiple) near2 wave\$1length)	3 55	BRS
4/15/05	S549 and ((multi or multiple) near2 color)	0 \$5	BRS
4/15/05	S549 and ((multi or multiple) near color)	0 \$5	BRS
4/15/05	S547 not okuyama.in. US-PGPUB; USPAT	15 S5	BRS
4/15/05	(US-20010038655-\$ or US-20020066403-\$ or US-20020117677-\$ or US-20020127751-:US-PGPUB; USPAT	21 (US	BRS
DERWEN 4/15/05	• •	22 (US	BRS
4/15/05	(((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter))).clm.) or ((le US-PGPUB; USPAT	26 (((BRS
4/15/05	(((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) S533).clm.) oUS-PGPUB; USPAT	26 (((BRS
4/15/05	(berggren and inganas).in. and (@ad<"20010719" or @rlad<"20010719") US-PGPUB; USPAT	3 (be	BRS
4/15/05	S537 and (@ad<"20010719" or @rlad<"20010719") US-PGPUB; USPAT	19 \$5;	BRS
4/15/05	S536 not (S533 or S529) US-PGPUB; USPAT	25 S5	BRS

BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	
_	<u>ქ</u>		27	9	25	27	2	ယ	9	တ	4	42	5	46	
(wurtzite with shape) and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) US-PGPUB; USPAT	S609 and (gan or (gallium adj nitride))	S609 and wurtzite US-PGPUB; USPAT	(((led or light\$1emitting or light\$1emitter or (light adj (emitting or emitter))).clm.) or ((le US-PGPUB; USPAT	S604 and ((diffusion adj length) with (indium or ingan or (indium adj gallium adj nitride)) US-PGPUB; USPAT	S601 not S599 US-PGPUB; USPAT	S600 and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) or ("438"/\$3.cc US-PGPUB; USPAT	S598 not (S595 or S594) US-PGPUB; USPAT	S595 not S594 US-PGPUB; USPAT	(indium same (migration adj length)) US-PGPUB; USPAT	(indium with (migration adj length)) US-PGPUB; USPAT	S592 and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) or ("438"/\$3.cc US-PGPUB; USPAT	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or acUS-PGPUB; USPAT	S590 and (@ad<"20010719" or @rlad<"20010719") and (("257"/\$3.ccls.) or ("438"/\$3.cc US-PGPUB; USPAT	(((single or one or "same") adj (emitter or (light adj (emitting or emitter)) or emitting or acUS-PGPUB; USPAT	
4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/16/05	4/17/05	4/16/05	4/16/05	4/16/05	